

PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	20030117-PCT
I	Title of Invention	CONSTRAINED TRACKING OF GROUND OBJECTS USING REGIONAL MEASUREMENTS
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
II-5	Address	65 Spit Brook Road Nashua, New Hampshire 03061 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	603-885-2643
II-9	Facsimile No.	603-885-2167
III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	HANEY, Philip, J.
III-1-5	Address	32 Mallard Point Merrimack, New Hampshire 03054 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	ASMUS, Scott, J.
IV-1-2	Address	Maine & Asmus PO Box 3445 Nashua, New Hampshire 03061-3445 United States of America
IV-1-3	Telephone No.	603-886-6100
IV-1-4	Facsimile No.	603-886-4796
IV-1-5	e-mail	Patents@MaineandAsmus.com
IV-1-6	Agent's registration No.	42,269
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	MAINE, Vernon, C. (37,389); MALONEY, Neil, F. (42,833); CERNOTA, Andrew, P. (52,711); LONG, Daniel, J. (29,404)
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	08 October 2003 (08.10.2003)
VI-1-2	Number	60/509,835
VI-1-3	Country	US
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	24 August 2004 (24.08.2004)
VI-2-2	Number	60/604,224
VI-2-3	Country	US
VI-3	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2
VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	2	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	in relation to this international application BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1(i) v)		an assignment from HANEY, Philip, J. to BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC., dated 04 October 2004 (04.10.2004)
VIII-2-1(i) x)	This declaration is made for the purposes of:	all designations except the designation of the United States of America

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VIII-3-1	<p>Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))</p> <p>Name</p>	<p>in relation to this international application</p> <p>BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.</p> <p>is entitled to claim priority of earlier application No. 60/509,835 by virtue of the following:</p>
VIII-3-1(i) v)		<p>an assignment from HANEY, Philip, J. to BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC., dated 04 October 2004 (04.10.2004)</p>
VIII-3-1(i) x)	<p>This declaration is made for the purposes of:</p>	<p>all designations</p>

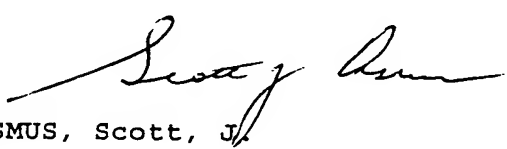
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VIII-3-2	<p>Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))</p> <p>Name</p>	<p>in relation to this international application</p> <p>BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. is entitled to claim priority of earlier application No. 60/604,224 by virtue of the following:</p>
VIII-3-2(i v)		<p>an assignment from HANEY, Philip, J. to BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC., dated 04 October 2004 (04.10.2004)</p>
VIII-3-2(i x)	<p>This declaration is made for the purposes of:</p>	<p>all designations</p>

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	78	✓
IX-2	Description	30	-
IX-3	Claims	3	-
IX-4	Abstract	1	✓
IX-5	Drawings	14	-
IX-7	TOTAL	55 56	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	4	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	 ASMUS, Scott, J.	
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))
 for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications:

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Philip J. Haney

Residence: Merrimack, NH 03054 USA
 (city and either US state, if applicable, or country)

Mailing Address: 32 Mallard Point, Merrimack, NH 03054 USA

Citizenship: USA

Inventor's Signature: *Philip J. Haney*
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 10/4/04
 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name:

Residence: ..
 (city and either US state, if applicable, or country)

Mailing Address:

Citizenship:

Inventor's Signature:
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date:
 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".